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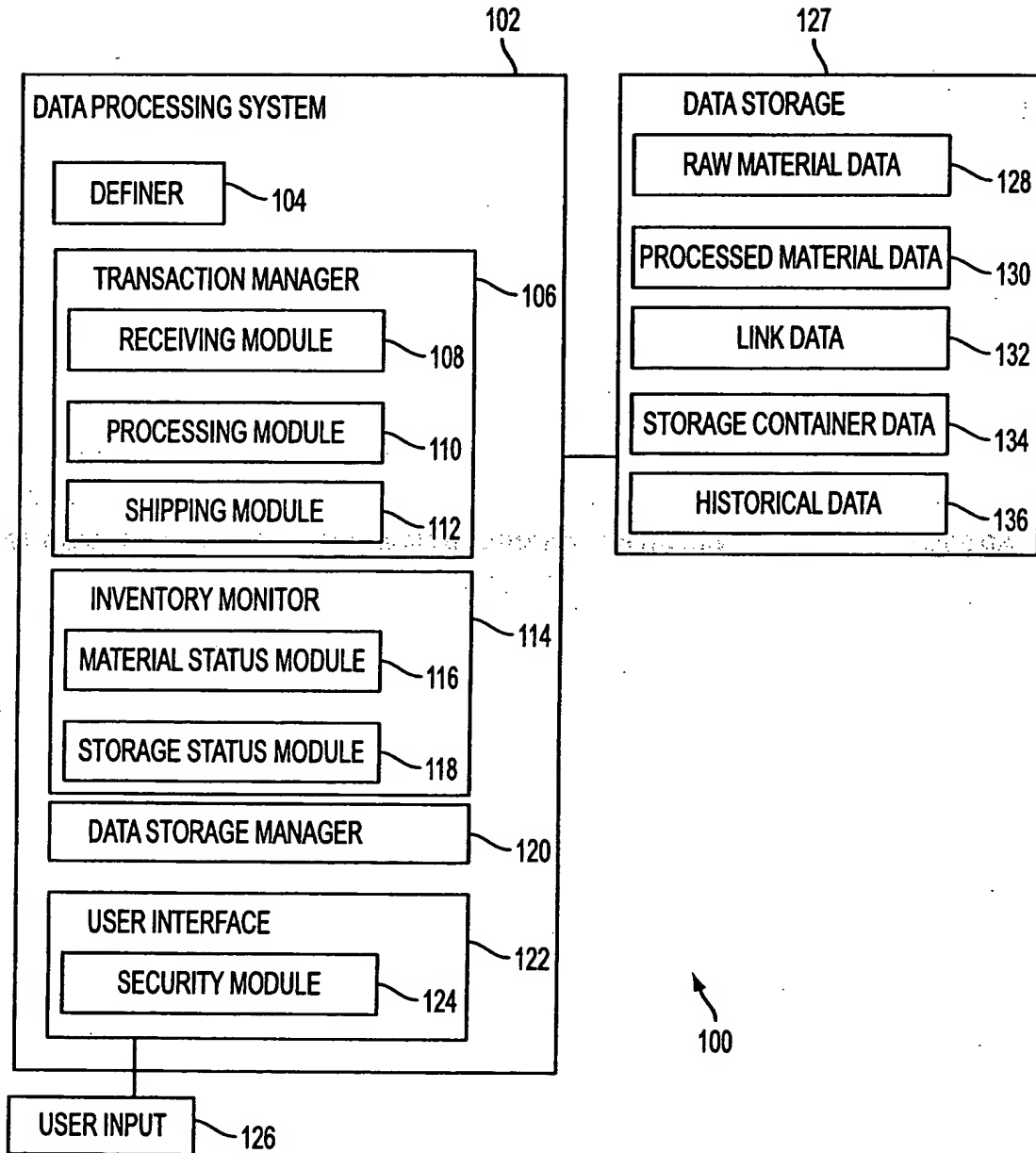


FIG. 1

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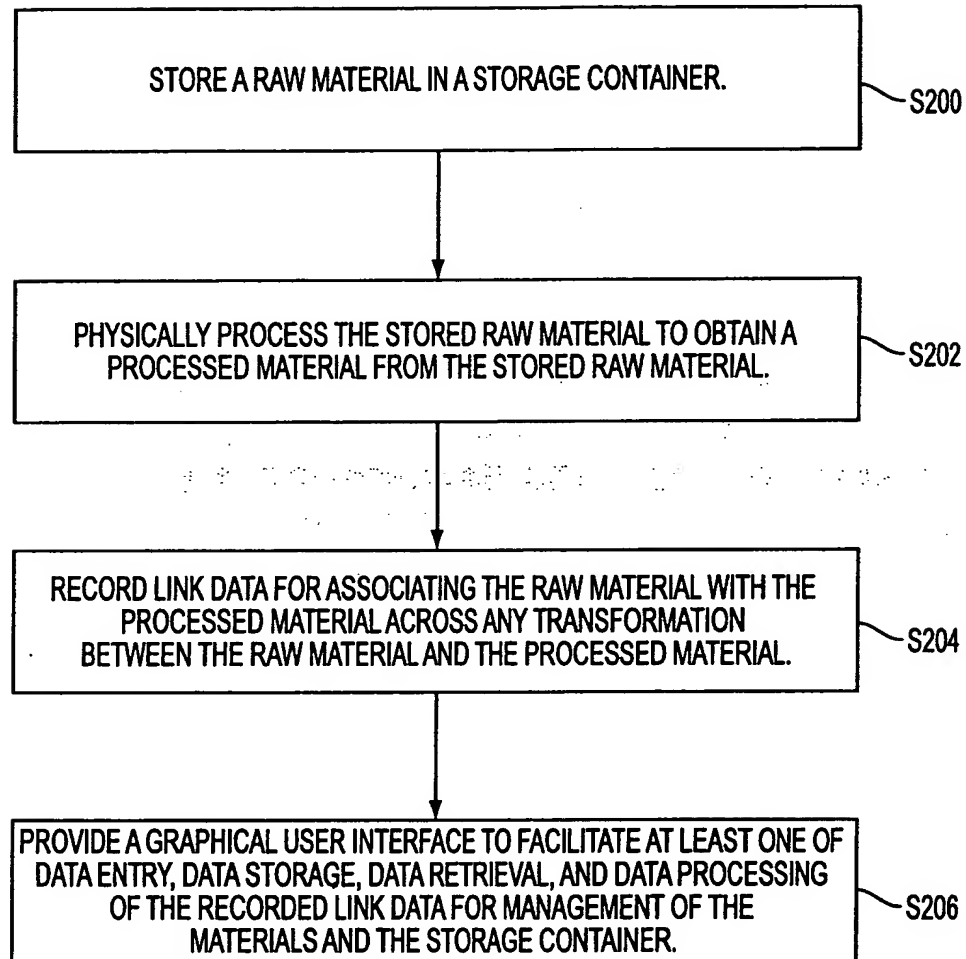


FIG. 2

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The screenshot shows a software window titled "Location Configuration" with a close button in the top-left corner. The window is divided into two main sections. The top section, titled "Current Location List (Click to Edit)", contains a list of "Current locations in the system" (indicated by a callout box). Below this list is a large empty rectangular area. The bottom section contains a form with the following fields: "Location Name:", "Address Line 1:", "Address Line 2:", "City:", "Zip:", "Country...", "State/Province...", "Phone:", "Ext:", "Fax:", "Preferred Capacity Unit...", and "Dimension Unit...". The "Preferred Capacity Unit..." field is circled, and a callout box points to it with the text "Defines units for reports - Bushels, pounds, etc.". At the bottom right of the window are three buttons: "Add/Save", "Delete", and "Reset".

Location Configuration

Current Location List (Click to Edit)

Current locations in the system

Location Name:

Address Line 1:

Address Line 2:

City:

Zip:

Country...

State/Province...

Phone:

Ext:

Fax:

Preferred Capacity Unit...

Dimension Unit...

Defines units for reports -
Bushels, pounds, etc.

Add/Save

Delete

Reset

FIG. 3

Bin Configuration

Current Bin List (Click to Edit)

Elevator 1 - Silo 1

Elevator 1 - Silo 2

Elevator 1 - Silo 3

Elevator 1 - Silo 4

Elevator 1 - Silo 5

Elevator 2 - Silo 1

Elevator 2 - Silo 2

Elevator 2 - Silo 3

Bin Name: Silo 2

Location... Elevator 1

Shape... Elevator 1

Floor/Bottom... Elevator 1

Ceiling Type... Elevator 1

Flow Type... FIFO

Units... Bushels

Pack Factor: 2.1

☐ Total Capacity: Bushels

☒ Capacity Per Unit:

Quantity: 1000 Bushels

Per: 1 Units... Foot

Effective Height: 300

Units... Foot

Add/Save

Delete

Reset

Defines the flow method to use
for calculating outbound
movement of product from bin
(FIFO, LIFO, or Perpetual)

FIG. 4

MillSource Bin Wire Frame
File | Elevator Operations | Mill Operations

Home | Receiving | Elevator | Mill | Processing | Shipping | Returns

Each level can have attributes that roll-up in a product

Attributes

Product Characteristics

Reference Data Management

Reference Data Tree View

Categories

Grains

Wheat

Hard Red Winter

Soft White Winter

Durum

049845

096877

Corn

Yellow Corn #2

546654

Mixes

H50

Bouncer

Pizza Flour

L48

Child

RFDR

Pure Dark Rye

View: Reference Data Management

New Attributes:

Name: Moisture

Abbrev: MST

Unit: Percent

Average: True

New

Save

Delete

Wheat Attributes (click to edit):

Name	Abbrev	Unit	Average

Inherited Attributes:

Name	Abbrev	Unit	Average

FIG. 5

MillSource Bin Wire Frame

File | Elevator Operations | Mill Operations | Lab | Packaging | Shipping | Reports | Help

Home

Receiving

Elevator

Mill

Lab

Packaging

Shipping

Reports

Reference Data Management

Reference Data Tree View

Categories

Products can have assigned color

Product Characteristics

Attributes

Product Name: Bounce ENR

SKU: 123456789

Description:

Color... 586394

Pack Factor: 1.0

Conversion Factor

ass... Pound

Factor: 0.63

Volume... Bushel

New

Save

Delete

View: Reference Data Management

FIG. 6

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Product Specification Sheet

Category...

Current Product List (click to edit)

Mixes

Product Name	SKU	Specification
Mix A		N
Mix B		N
Mix C		N
Mix OO		N

Product Name:

Bouncer ENR

Product 1...

Sol White Winter

Product 2...

Hard Red Winter

Product 3...

Product 4...

Product 5...

Total: 100

Add/Save

Delete

Reset

Product can be
composed of up to five
products in the
specification

FIG. 7

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The screenshot shows a software window titled "Elimination Product Configuration" with a sub-header "Ingredient Configuration". The window is divided into two main sections. The top section, titled "Current Ingredient List (Click to Edit)", contains a large, empty rectangular box. The bottom section contains a form with several input fields and three buttons. The form fields are labeled as follows: "Ingredient Name:" (a single-line text box), "Ingredient Abbreviation:" (a single-line text box), "Description:" (a multi-line text box), "Manufacturer:" (a single-line text box), "SKU/Product Id:" (a single-line text box), and "Status..." (a single-line text box). To the right of these fields are three buttons: "Add/Save", "Delete", and "Reset". The window has a standard Mac OS-style title bar with a close button (X) in the top right corner.

FIG. 8

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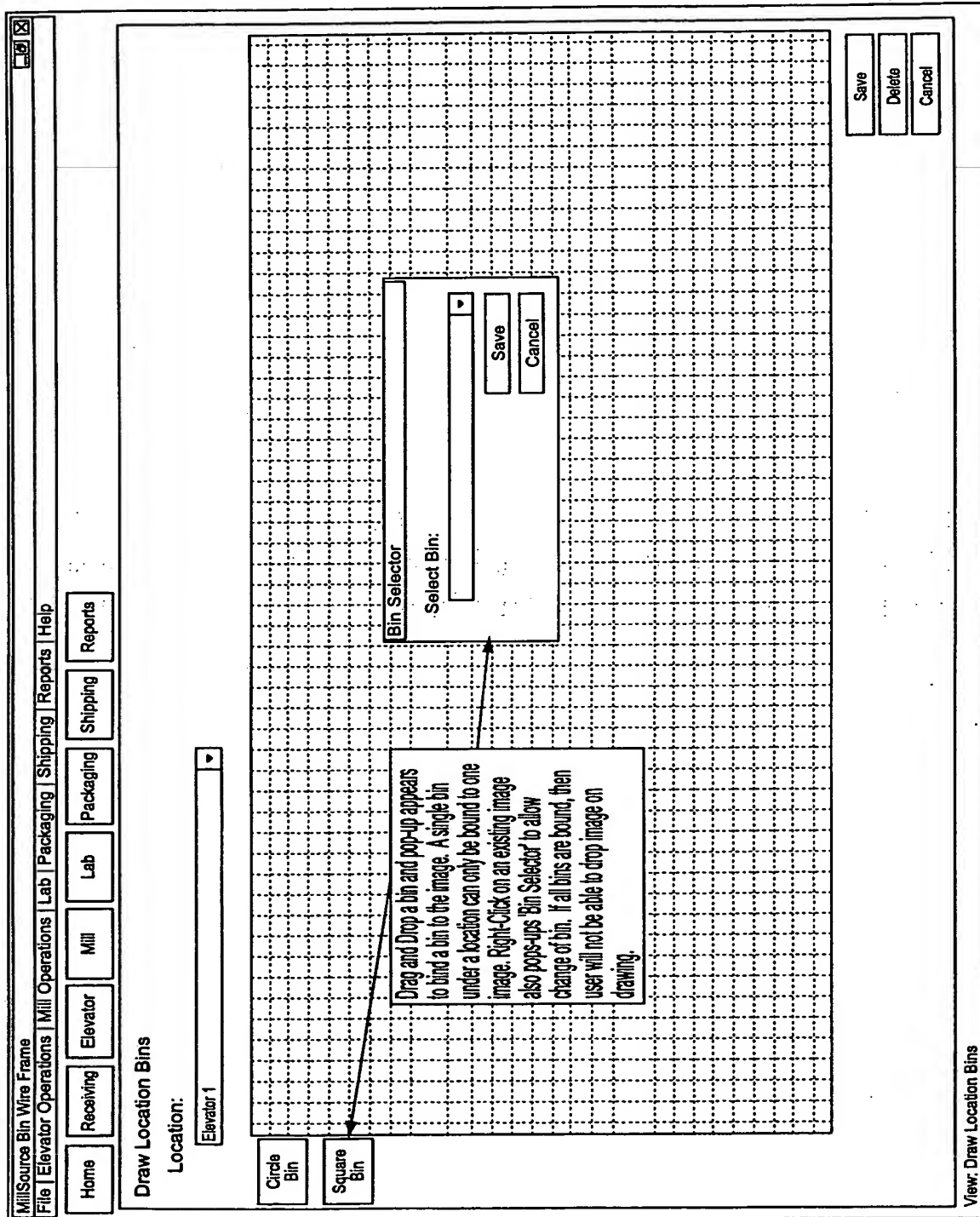


FIG. 9

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MillSource Bin Wire Frame

File | Elevator Operations | Mill Operations | Lab | Packaging | Shipping | Reports | Help

Home | Receiving | Elevator | Mill | Lab | Packaging | Shipping | Reports

Add Ticket | Edit Ticket | Void Ticket

Receiving

Lot Name/Number: 3/25/2003

Date... 3/25/2003

Time... 2:00 PM

Supplier... Big John's

Carrier... Yellow Freight

License Number: YELL-123

Commodity... Wheat

Class... Hard Red Winter

Variety... #10506

Mass Unit... Pounds

Test Weight: .62

Volume Unit... Bushels

Changes based on carrier type (truck, rail, vessel; license, railcar, vessel respectively)

Attribute Values

Protein: 11.3

Moisture: 2.3

Damage: 1.3 %

Foreign Material: 5 %

Attribute list is populated based on product

Validate numeric only with '.' allowed for floating decimals (applies % attributes when not using the input control below)

Attribute lists will vary so do not auto-start selector (dynamic draw on panel; scroll displays as needed)

Date and Time are auto-populated w/ system date and time

Uses test weight to calculate; otherwise defaults to product conversion factor

Next Step >>> Clear

FIG. 10

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MillSource Bin Wine Frame

File | Elevator Operations | Mill Operations | Bin Selector

Home | Receiving | Elevator

Add Ticket | Edit Ticket | Void Ticket

Current selection:

Please select bin:

Location - Bin Elevator 1 - Silo 1	Current Product <input checked="" type="checkbox"/> Soft White Winter	Current Quantity 10,000 bu	Available Space 20,000 bu
---------------------------------------	--	-------------------------------	------------------------------

Bin Selector

Enter

Cancel

Lot Name/Number	Bin 1...	Flour AB	Final Product Mill - Silo 1	34,500 Bu	Transfer Percentage
3/30/2003 - 1 - 1					50
3/30/2003 - 1 - 2					50

Total Transfer: 100

Commit

Reset

Close

© Print Copies: 1

FIG. 11

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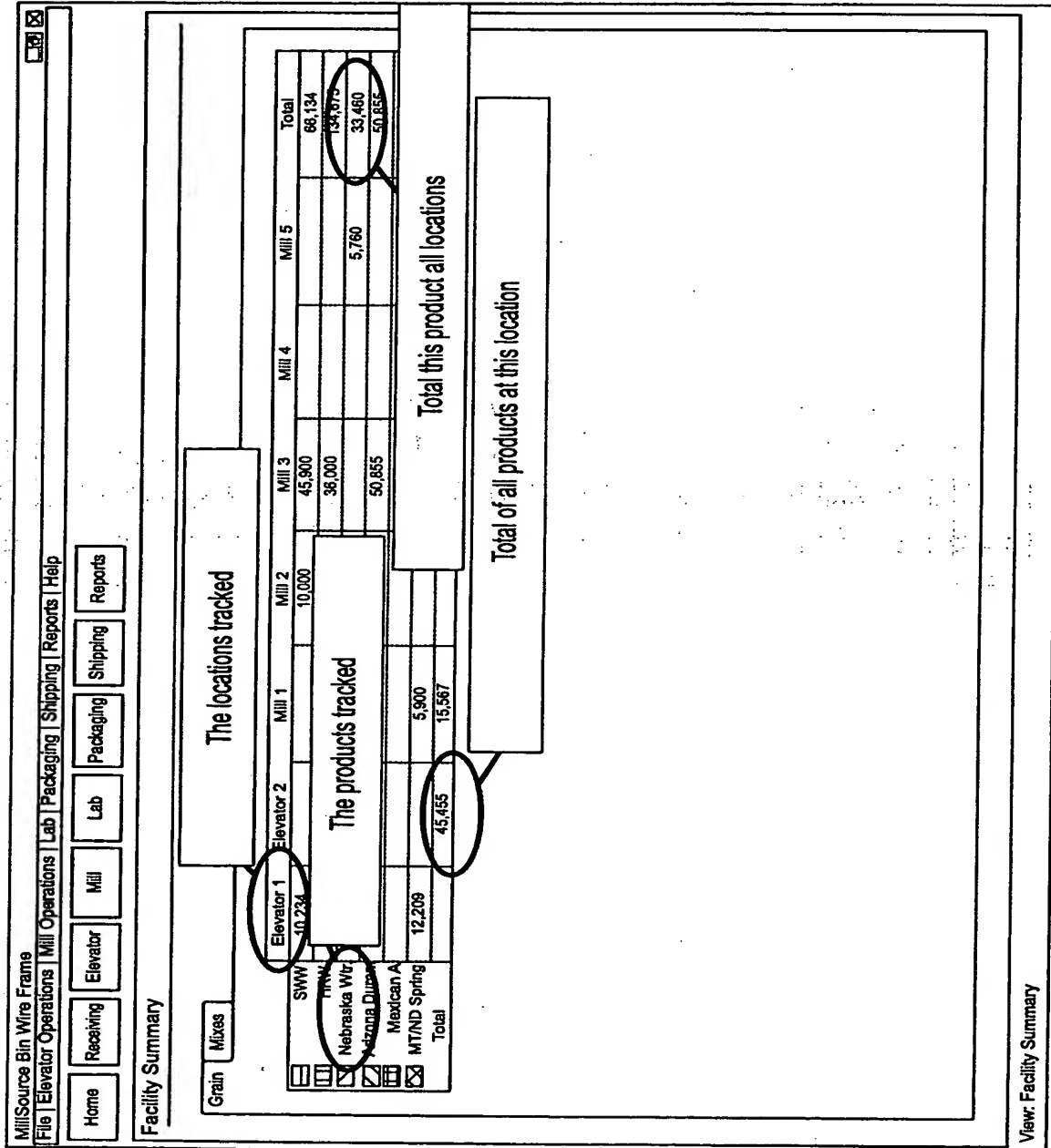


FIG. 12

/deb, mah

FIG. 13A

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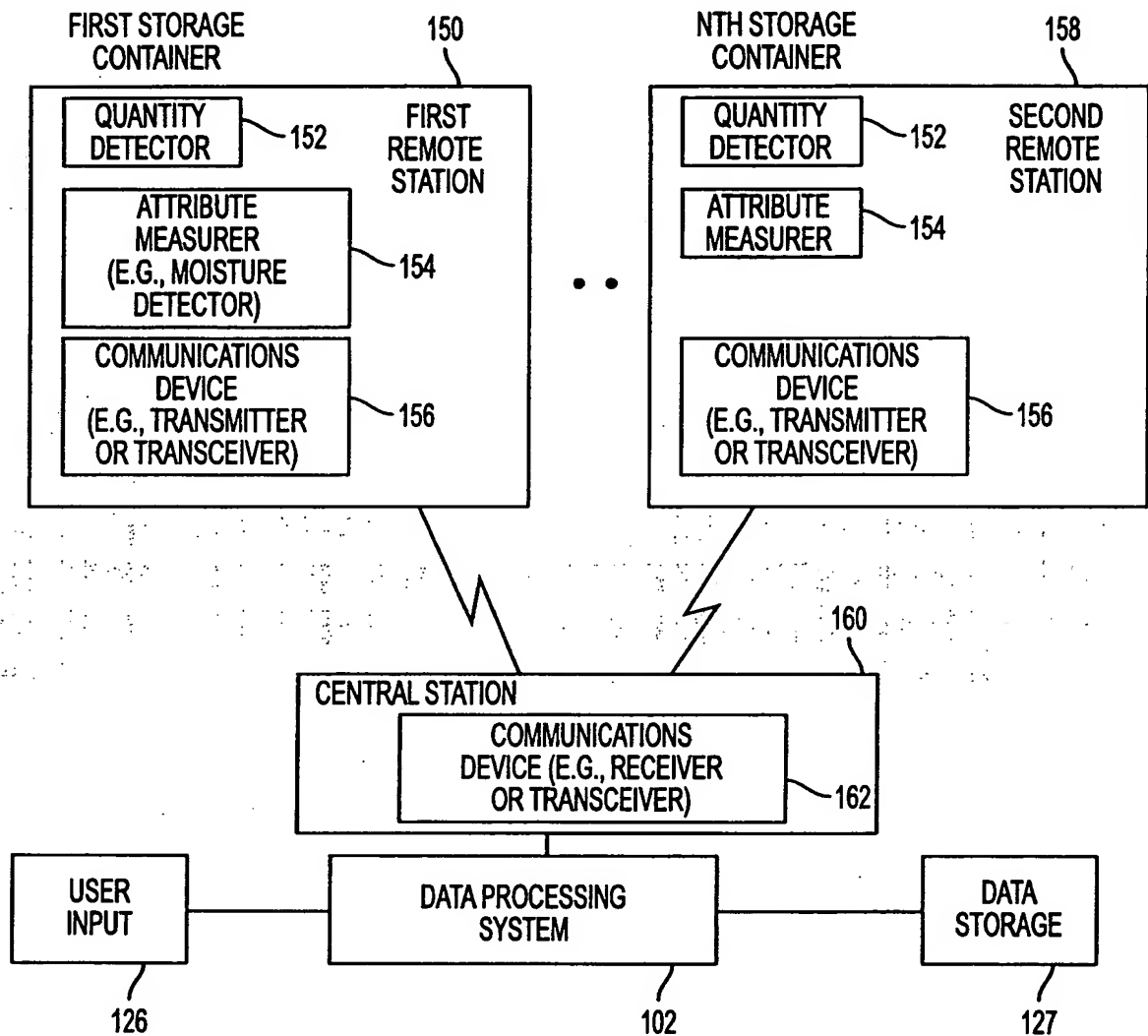


FIG. 13B

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FIG. 14

FIG. 15

MillSource Bin Wire Frame

File | Elevator Operations | Mill Operations | Lab | Packaging | Shipping | Reports | Help

Home | Receiving | Elevator | Mill | Lab | Packaging | Shipping | Reports

Lab

Select either Lot or Bin:

Bin...

Lot...

Existing Analysis (Click to edit):

Name/Number

Bin/Lot

Date/Time

New Analysis

Analysis Information

Date...

Time...

Analysis Number/Name:

Attribute Values

Protein: %

Moisture: %

Damage: %

Foreign Material: %

Add/Save

Reset

Void

FIG. 16

TITLE: METHOD AND SYSTEM FOR MANAGEMENT OF
THE PROCESSING OF AGRICULTURAL PRODUCTS
INVENTOR: William Robert Pope, et. al.
DOCKET #: 16527 /deb, mah

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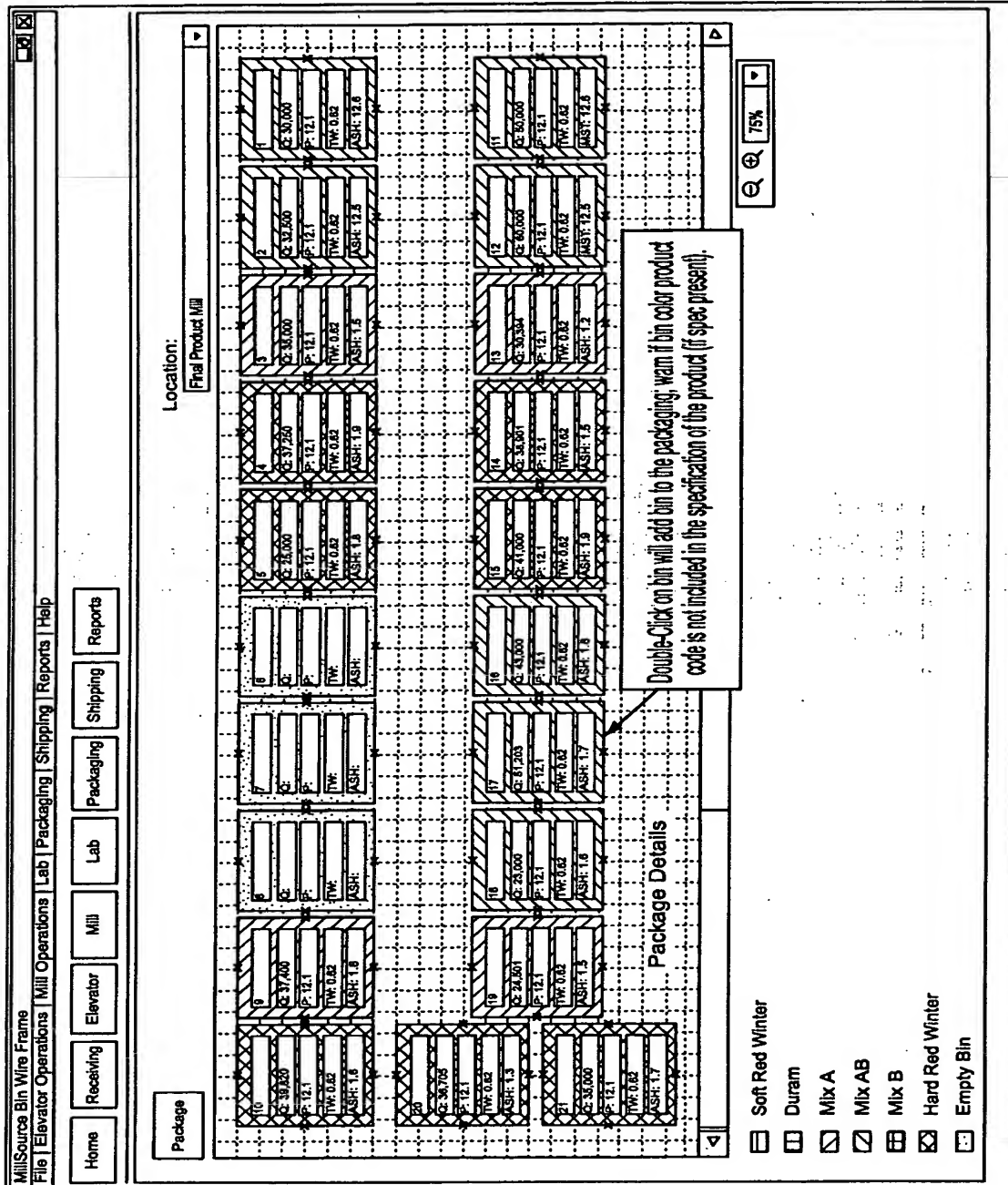


FIG. 17

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Storage Summary

Bin Inventory

Selected Bin: All

Commodity: Hard Red Winter

Date: 9/9/2002 - 12/05/2002

Silo 1

Headquarters location

Lat/Long

Capacity	Current	Protein	Moisture	Last Add	Last Draw
150,000bu	98,088bu	13.3	12.0	12/01/2002	12/05/2002

Lot #	Date	Variety	Protein	Moisture	Test Wt.	FM	Quantity
4567	09/09/2002	HRW - Duram	13.2	12.1	61.1	1	5,144
4568	09/09/2002	HRW - Duram	13.3	11.8	61.0	2	5,255
4569	09/10/2002	HRW - Duram	13.5	12.0	60.4	1.3	6,123
4575	10/12/2002	HRW - Duram	13.5	12.0	60.2	1	5,100
4580	10/30/2002	HRW - Duram	13.3	12.0	61.0	2	5,315
4582	11/23/2002	HRW - Duram	13.4	12.2	60.5	2	5,533
4583	12/01/2002	HRW - Duram	13.3	12.1	60.0	1	5,500

Silo 2

Headquarters location

Lat/Long

Capacity	Current	Protein	Moisture	Last Add	Last Draw
100,000bu	75,050bu	14.0	11.5	11/01/2002	11/30/2002

Lot #	Date	Variety	Protein	Moisture	Test Wt.	FM	Quantity
6767	09/10/2002	HRW - Yuma	14.2	12.1	61.1	3	6,445
6768	09/10/2002	HRW - Yuma	13.8	11.3	61.0	3.6	4,355
6769	10/01/2002	HRW - Yuma	14.5	12.0	60.3	4	5,232

FIG. 18

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Event Report
 Selected Bin: Silo-1
 Commodity: Hard Red Winter
 Date: 11/01/2002 - 12/05/2002

Silo 1
 Headquarters location
 Lat/Long

SUMMARY

Capacity	Current	Protein	Moisture	Last Add	Last Draw
150,000bu	98,088bu	13.3	12.0	12/01/2002	12/05/2002

OPERATION / EVENT

Allocate Inbound
 Create Lot: 4568
 Operator: Joe Smith

Start Date/Time	Stop Date/Time	Variety	Protein	Moisture	Test Wt.	Quantity	Locked	Unlocked
11/09/2002 10:10am	11/09/2002 10:12am	HRW - Duram	14.2	12.1	61.1	5,122	N	Y

Aerate Bin

Lock Bin
 Unlock Bin

Operator: John Doe

Start Date/Time	Stop Date/Time	Variety	Protein	Moisture	Test Wt.	Quantity	Locked	Unlocked
11/10/2002 03:30pm	11/12/2002 08:00am						Y	Y

FIG. 19

TITLE: METHOD AND SYSTEM FOR MANAGEMENT OF
 THE PROCESSING OF AGRICULTURAL PRODUCTS
 INVENTOR: William Robert Pope, et. al.
 DOCKET #: 16527 /deb, mah

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Supplier Report
 Date: 1/01/2002 - 12/09/2002
 Commodity: Hard Red Winter

Name	Quantity/bu
Joe Farmer RR2 Box 46 Anywhere, NE 68888 (402)333-3333	54,000
Dakota Farms Box 27 Anywhere, SD 57000 (605)999-9999	65,656
Country Elevators Box 98 Anywhere, SD 57000 (605)677-7777	98,095
Total Quantity:	217,751

FIG. 20

Transfer

Find Transfer...

Void...

Transfer Name/Number: T3/30/2003 - 1

Bin...

Product

Location - Bin

Available Quantity

Transfer Quantity

HRW

Elevator 1 - Silo 15

34,500 Bu

15,000

Lot Name/Number	Product	Location - Bin	Available Space	Transfer Percentage	
T3/30/2003 - 1 - 1	Destination 1...	HRW	Elevator 1 - Silo 15	34,500 Bu	50
T3/30/2003 - 1 - 2	Destination 2...	HRW	Elevator 1 - Silo 15	34,500 Bu	50
	Destination 3...				
	Destination 4...				

Total Transfer: 100

Commit

Reset

Close

Print

Copies: 1

FIG. 21

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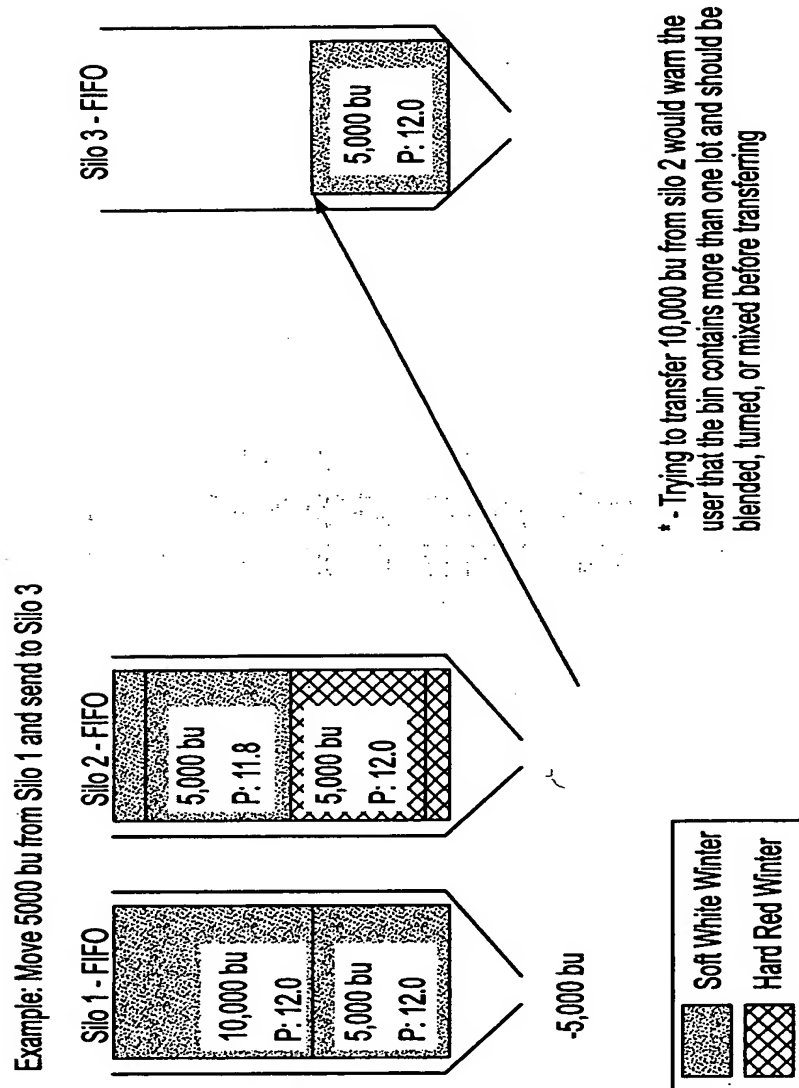


FIG. 22

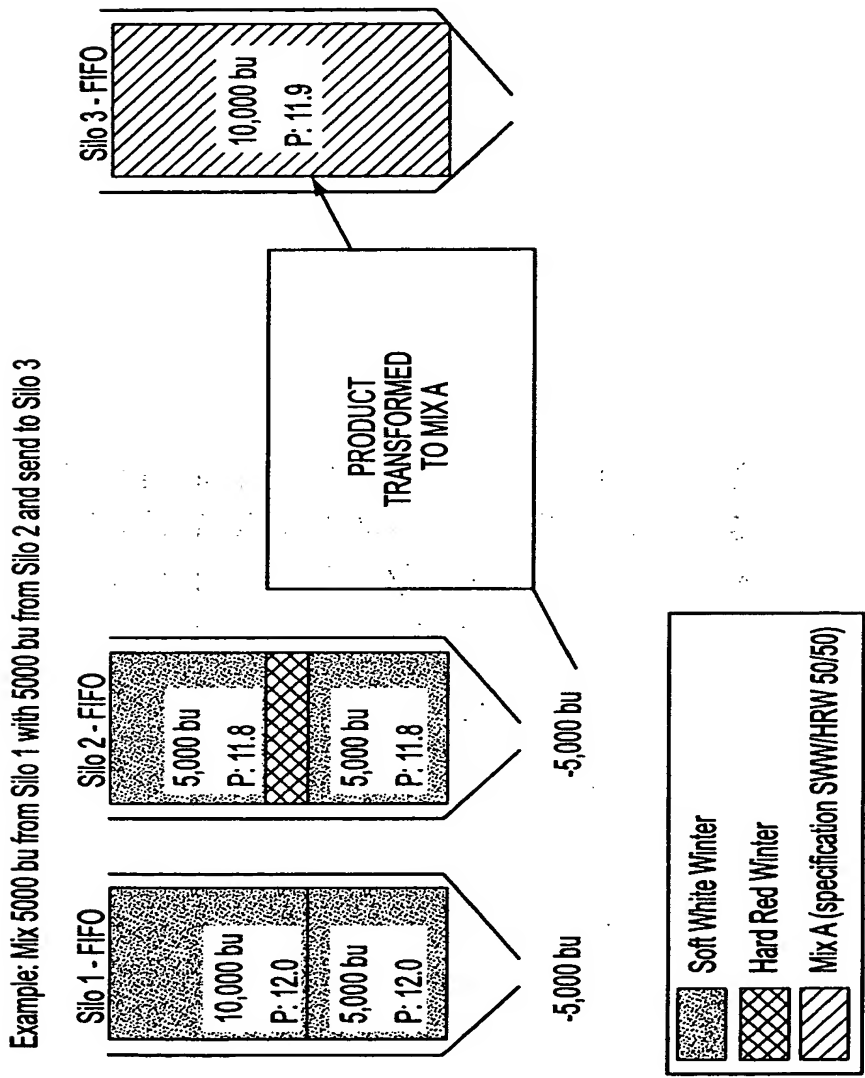


FIG. 23

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MillSource Bin Wire Frame
File | Elevator Operations | Mill Operations | Lab | Packaging | Shipping | Reports | Help

Home | Receiving | Elevator | Mill | Lab | Packaging | Shipping | Reports

General Configuration

Auto Name/Number Preference

Receiving

☐ Random Number
☐ Incremental (starts with 1 or last number)
☐ Incremental w/ Date
Date Format: [MMDDYY] ▼
☐ None (requires manual entry)

Blending

☐ Random Number
☐ Incremental (starts with 1 or last number)
☐ Incremental w/ Date
Date Format: [MMDDYY] ▼
☐ None (requires manual entry)

Mixing

☐ Random Number
☐ Incremental (starts with 1 or last number)
☐ Incremental w/ Date
Date Format: [MMDDYY] ▼
☐ None (requires manual entry)

Transferring

☐ Random Number
☐ Incremental (starts with 1 or last number)
☐ Incremental w/ Date
Date Format: [MMDDYY] ▼
☐ None (requires manual entry)

Mill Transfer

☐ Random Number
☐ Incremental (starts with 1 or last number)
☐ Incremental w/ Date
Date Format: [MMDDYY] ▼
☐ None (requires manual entry)

Attribute Value Calculation Preference

Bins

☐ Sample Value
☒ Weighted Average

Lots

☐ Sample Value
☒ Weighted Average

Label Value Preference

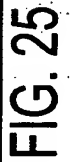
Auto-Numbering of receiving, blends, mixes, transfers, and milling transfers preceded with R,B,M,T, and MT, respectively.

Save

View: General Configuration

'Bin Board' attribute preferences

FIG. 24



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FIG. 26

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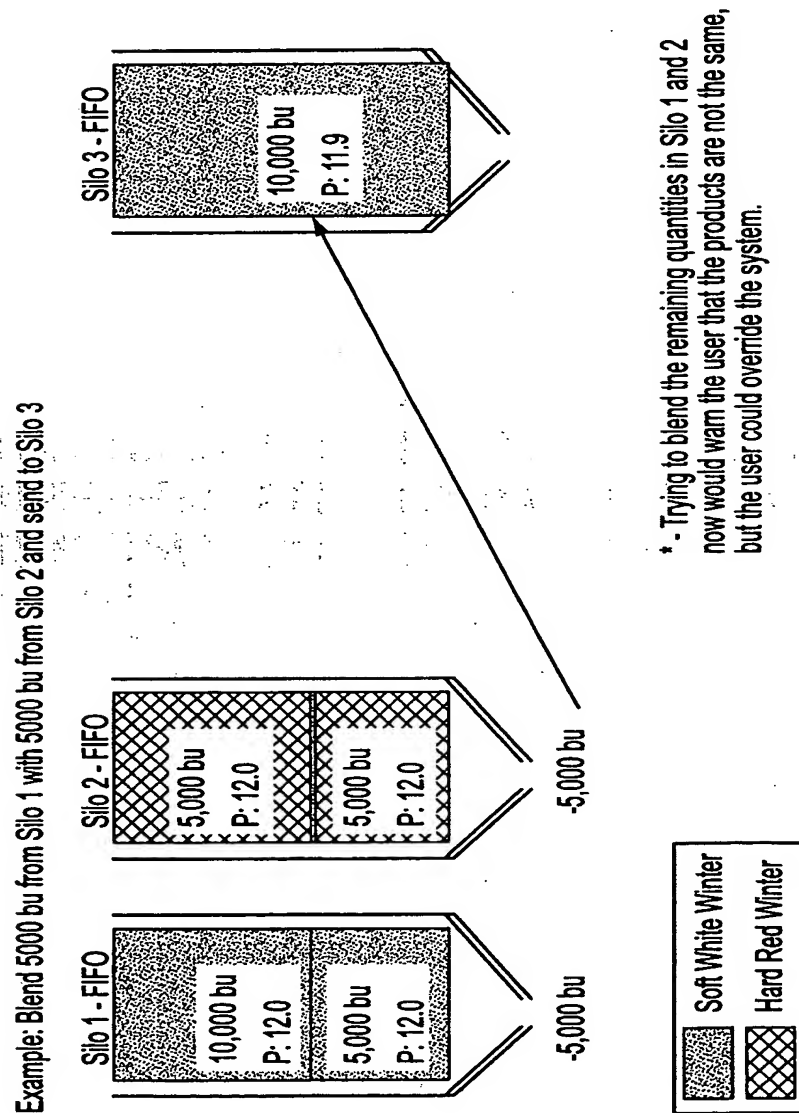


FIG. 27

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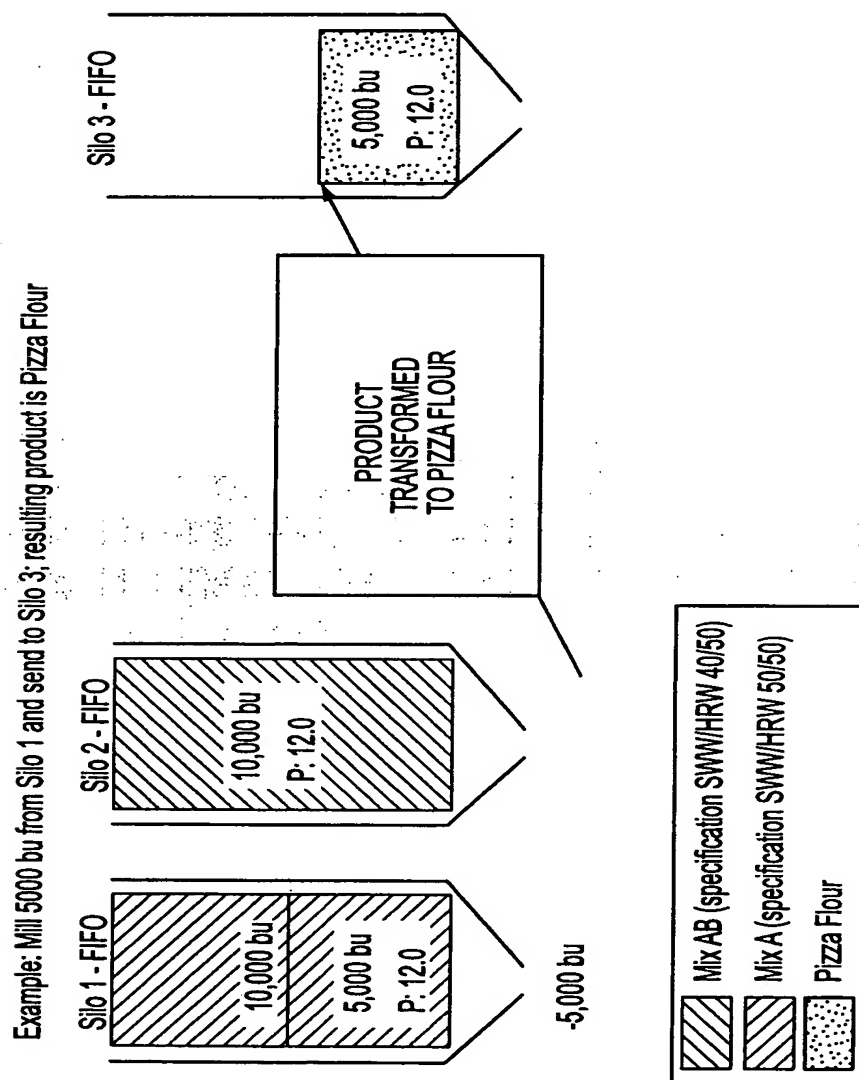


FIG. 28

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FIG. 29

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FIG. 30

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FIG. 31

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FIG. 32